Soc Virnyl S. Estela

Self-Taught Software Developer & Technical Content Developer

✉ contact@uncomfyhalomacro.pl   ⌂ uncomfyhalomacro   ▣ socvirnylestela   🔗 https://uncomfyhalomacro.pl

Education

Self-taught   **2020 - present**
Programmer/Software Developer/Open Source Contributor

- Actively self-learning in learning platforms and communities, mainly at *Boot.dev* to refresh fundamentals and improve knowledge in backend development and career growth.
  - ▸ *https://github.com/uncomfyhalomacro/bunny* won **1st place** in the amateur category of their *Boot.dev 2025 Hackathon*.
- Learned Node, SQL with SQLite, ExpressJS, Deno, Oak and Hono for backend development tutorials at TRIBE's *StackUp*. Example works are *the Deno learning modules*, and *a basic authentication and authorisation with ExpressJS tutorial*.
- Learned Solidity, Javascript, Typescript, React, Node, and Vercel at TRIBE's *StackUp*, for writing tutorials and campaigns such as a *prototype for a forum or microblogging web application* using blockchain to store posts and comments, and a *state management with Redux in React tutorial*.
- Learned Rust programming language for systems programming and CLI development. Key personal projects are *OBS Service Cargo* and *Roast*. Also contributed to TRIBE's *StackUp Rust Pathway*.
- Learned Julia programming language for data analyses. Also contributed to an open source Julia package, key contributions are *PR #2339 in Documenter.jl* and *PR #1880 in Documenter.jl*, specifically, for adding *Woodpecker CI* support.
- Learned Python programming from *Hyperskill*, also known as JetBrains Academy, during its beta period. See *Hyperskill profile* for reference. Completed 16 projects during beta.

Mindanao State University - Iligan Institute of Technology, Philippines   **2018 - 2022**
Bachelor of Science in Biology, Major in Microbiology   *GPA 1.593*
Academic Distinction: *Cum Laude*

DOST Philippine Science High School - Central Mindanao Campus, Philippines   **May 2012 - May 2018**
Scholarship Grantee

Technical Skills

Programming Languages: Bash (for shell scripting and automation), Python, Rust, Typescript/Javascript (for web development with NodeJS and Deno), Julia (for data analyses), HTML/CSS, Typst (similar to LaTeX; used for writing personal documents such as this CV)
Web Development: NodeJS, Deno, Yarn, React, Redux Toolkit, Preact, Hono, Oak, ExpressJS, ViteJS, NextJS
Tools: Git, Github, Github Actions, Woodpecker CI, Trello, VSCode, Vim/Neovim, Kakoune (main code editor), Linux package managers (Zypper, Pacman, DNF, Apt), Distrobox (CLI frontend for podman and docker), Linux (Ubuntu, openSUSE, Fedora)

Professional and Work Experience

TRIBE | 📍 Singapore | Remote   **Mar 2024 - June 2025**
Technical Content Developer/Technical Writer

- Written and presented tutorial content for different software and tools such as React, Deno, NodeJS, Hono, Typescript, Javascript, HTML, CSS, Go and Rust. Example works are *Rust Pathway* (a series of Rust tutorials and campaigns), and *Fuel Up Your API Development with Hono and Deno* (a introductory tutorial for backend development and authentication using Hono and Deno). Around 300+ developers participated in each part of the campaigns and tutorials, increasing community engagment.
- Created coding challenges and hackathons that encourage participation at StackUp, empowering new and young developers to test their skills and knowledge. Notable works are *Begin Your Zero-Knowledge Journey with zkPass* and **Monthly Coding Challenges** such as *2024 August*, *2024 December*, *2025 February*, and *2025 March* encouraging hundreds of developers to participate and collaborate.

Misamis University | 📍 Philippines | On-site   **Jul 2022 - Mar 2024**
Science Instructor

Open Source, Personal Projects and Volunteer Experience

🦎 openSUSE   **2021 - present**
Member and Volunteer Packager
Packager for various openSUSE packages for Zig, Juliaup, Wezterm, Zola, Zellij, Helix and 20+ more packages using RPM specfile format with the help and mentorship of *William Brown* from SUSE.

⌂ OBS Service Cargo   **2022 - present**
Core Developer/Maintainer
Automation tool written in Rust to efficiently package dependencies for Rust software. Includes reliable tests to ensure consistent creation of tar archives of vendored dependencies. It uses *Roast* as the tar archiver logic. **It is 100% the recommended tool on https://build.opensuse.org and by other packagers to automate packaging of Rust software** in openSUSE.

⌂ Roast   **2024 - present**
Core Developer/Maintainer
Tar utility with high compression. Includes reliable tests to ensure consistent behaviour such as deterministic creation of tar archives. **It is used internally for *OBS Service Cargo* for the generation of vendored tarballs.**

🔗 Waycrate   **2022 - present**
Organization Admin/Member
Member of the Waycrate organization, a small community of open-source enthusiasts and contributors. **Organization has participated in *Google Summer of Code 2024* and *Google Summer of Code 2025* as a mentor organization.**

References available on request